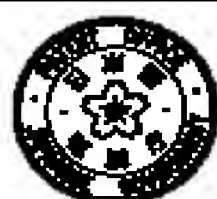


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**(54) METHOD FOR PRODUCING NEW BIOBEADS**

**(57) Abstract:**

**PROBLEM TO BE SOLVED:** To provide new biobeads which can be applied to PEG method and enables high transformation efficiency.

**SOLUTION:** The new biobeads are characterized by immobilizing a foreign genetic substance or a physiologically active substance on a calcium alginate

fine bead gel prepared from low viscous sodium alginate. A method for efficiently transducing the foreign genetic substance or the physiologically active substance into cells with the biobeads. The biobeads prepared from the low viscous sodium alginate have small particle diameters, and may increase the contact chances of the biobeads with cells. The transformation of the cells is achieved in high efficiency, when the biobeads are used.

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